

Application No. 10/634,492
Amendment Dated May 1, 2005
Reply to Office Action of January 3, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A dual hinged box wrench of predetermined size for fitting only one size bolt or nut, comprising:

a) a first socket element having a plurality of teeth disposed between a first distal end and a second distal proximal end thereof, wherein each of said distal and proximal ends contains a hole therethrough;

b) a second socket element having a plurality of teeth disposed between a third distal end and a fourth distal proximal end thereof, wherein each of said distal and proximal ends contains a hole therethrough; said first distal end of said first socket element engaging with said third distal end of said second socket element to form a first hinge, and said second distal end of said first socket element engaging with said fourth distal end of said second socket element to form a second hinge, whereby a socket cavity is formed thereby;

c) wherein said distal end of said first socket element engages by means of a pin inserted in said hole with said distal end of said second socket element to form a hinge;

d) wherein said proximal end of said first socket element engages by means of a pin inserted in said hole with said proximal end of said second socket element whereby a socket cavity is formed thereby; and

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e) wherein at least one of said pins are removable to allow box wrench disassembly and attachment.

~~said first hinge and said second hinge comprising dual hinges, and~~

~~a locking hinge pin in each of said first and second hinges.~~

Claim 2 (currently amended): The ~~dual~~ hinged box wrench in accordance with claim 1, wherein said first socket element comprises a portion of a handle.

Claim 3 (currently amended): The ~~dual~~ hinged box wrench in accordance with claim 2, wherein said portion of [[all]] said handle comprises a substantially square hole for receiving a ratchet, offset from the axis of said socket cavity, wherein said ratchet comprises one of the group: a handle and a lug attachment.

Claim 4 (currently amended): A dual hinged, expandable and contractable contractible box wrench, comprising:

a) a first socket element having a plurality of teeth disposed between a first distal end and a second distal proximal end, wherein said distal end is an elongated arm containing multiple holes therethrough, and said proximal end contains a single hole therethrough;
and

b) a second socket element having a plurality of teeth disposed between a third distal end and a fourth distal proximal end, wherein each of said distal and said proximal ends contains a hole therethrough; said first distal end of said first socket element engaging with said third distal end of said second socket element to form a first hinge, and said second distal end of said first socket element engaging with said fourth distal end of said second socket element to form a second hinge,
whereby a socket cavity is formed thereby, and further wherein said first distal end comprises an elongated arm

~~that is slidably movable past said third distal end, whereby said socket cavity can be expanded and contracted to fit different nut and bolt sizes~~

c) wherein said distal end of said first socket element engages by means of a pin inserted in said hole with said distal end of said second socket element to form a first hinge;

d) wherein said proximal end of said first socket element engages by means of a pin inserted into said hole with said proximal end of said second socket element to form a second hinge, whereby a socket cavity is formed thereby;

e) further wherein said distal end of said first socket element comprises an elongated arm that is slidably movable past said distal end of said second socket element, whereby said socket cavity can be expanded and contracted to fit different nut and bolt sizes; and

f) wherein at least one of said pins are removable, to allow box wrench disassembly and attachment.

~~said first hinge and said second hinge comprising dual hinges; and~~

~~a locking hinge pin in each of said first and second hinges.~~

Claim 5 (currently amended): The dual hinged expandable and contractible box wrench in accordance with claim 4, wherein said first socket element comprises a portion of a handle.

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Claim 6 (currently amended): The dual hinged expandable and contractible box wrench in accordance with claim 5, wherein said portion of [[a]] said handle comprises a substantially square hole for receiving a ratchet offset from the axis of said socket cavity, wherein said ratchet comprises one of the group: a handle and a lug attachment.